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1 [SHOCK: communicating with computational messages and automatic private profiles](#)

Rajan M. Lukose, Eytan Adar, Joshua R. Tyler, Caesar Sengupta

May 2003

WWW '03: Proceedings of the 12th international conference on World Wide Web

Publisher: ACM

Full text available: Pdf (693.99
KB)**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 16, Downloads (Overall): 415, Citation Count: 1

A computationally enhanced message contains some embedded programmatic components that are interpreted and executed automatically upon receipt. Unlike ordinary text email or instant messages, they make possible a number of useful applications. In this ...

Keywords: collaborative systems, networking and distributed web applications, privacy and preferences2 [Customer Relationship Management for the Web-Access Challenged: Inaccessibility of Fortune 250 Business Web Sites](#)

Nicholas C. Romano, Jr.

December

International Journal of Electronic Commerce , Volume 7 Issue 2

2002

Publisher: M. E. Sharpe, Inc.

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 3

Companies increasingly employ the World Wide Web to gather information from and disseminate information to actual and potential customers and for end-consumer business transactions and interactions. The challenge of attracting and keeping economically ...

Keywords: Americans With Disabilities Act Ada, And Phrases Access Challenges, Center For Assistive Technologies Cast, Customer Relationship Management Crm, Fortune 250, Web Site Accessibility

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3 Presto: an experimental architecture for fluid interactive document spaces



Paul Dourish, W. Keith Edwards, Anthony LaMarca, Michael Salisbury

June 1999

Transactions on Computer-Human Interaction (TOCHI) , Volume 6 Issue 2

Publisher: ACM [Request Permissions](#)

Full text available: Pdf (409.04 KB)

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 106, Downloads (Overall): 1112, Citation Count: 60

Traditional document systems use hierarchical filing structures as the basis for organizing, storing and retrieving documents. However, this structure is very limited in comparison with the rich and varied forms of document interaction and category management ...

Keywords: attribute/value systems, direct manipulation, document management

4 A web-based multi-agent system approach to document engineering

Jose R. Villar, Carmen Benavides, Isaias Garcia, Angel Alonso, Francisco Rodriguez

February 2004

International Journal of Web Engineering and Technology , Volume 1 Issue 4

Publisher: Inderscience Publishers

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

Document engineering is the automatic or semiautomatic process that assists a documental department of a company in the gathering, storing, retrieving and generation of articles and documents, and also in the distribution of these documents. A web-based ...

Keywords: agent-based systems, applied reasoning models, artificial intelligence, document classification, document engineering, document retrieval, intelligent documentation, internet applications, knowledge engineering, machine learning, multi-agent systems

5 Use of a Data-Linked Weather Information Display and Effects on Pilot Navigation Decision Making in a Piloted Simulation Study

Yuchnovicz Daniel E., Novacek Paul E., Burgess Malcolm A., Heck Michael L., Stokes Alan F.

August 2001

Use of a Data-Linked Weather Information Display and Effects on Pilot Navigation Decision Making in a Piloted Simulation Study

Publisher: NASA Langley Technical Report Server

Full text available: Pdf (2.36 MB)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 3, Downloads (Overall): 114, Citation Count: 0

This study provides recommendations to the FAA and to prospective manufacturers based on an exploration of the effects of data link weather displays upon pilot decision performance. An experiment was conducted with twenty-four current instrument rated ...

6 Retrofitting collaboration into UIs with aspects



Li-Te Cheng, Steven L. Rohall, John Patterson, Steven Ross, Susanne Hupfer

November 2004

CSCW '04: Proceedings of the 2004 ACM conference on Computer supported cooperative work

Publisher: ACM [Request Permissions](#)

Full text available: Pdf (889.53 KB)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 32, Downloads (Overall): 520, Citation Count: 4

Mission critical applications and legacy systems may be difficult to revise and rebuild, and yet it is sometimes desirable to retrofit their user interfaces with new collaborative features without modifying and recompiling the original code. We describe ...

Keywords: CSCW, application retrofitting, aspect-oriented programming, groupware, user interface components


7 Supporting Public Availability and Accessibility with Elvin: Experiences and Reflections

Geraldine Fitzpatrick, Simon Kaplan, Tim Mansfield, Arnold David, Bill Segall

November 2002

Computer Supported Cooperative Work, Volume 11 Issue 3

Publisher: Kluwer Academic Publishers

Full text available:  [Publisher](#)
[Site](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 25

We provide a retrospective account of how a generic event notification service called Elvin and a suite of simple client applications: CoffeeBiff, Tickertape and Tickerchat, came to be used within our organisation to support awareness and interaction. ...

Keywords: Elvin, awareness, chat tools, event notification service, tickertape


8 The Mobile Agent Paradigm Meets Digital Document Technology: Designing for Autonomous Media Collection

Benjamin Falchuk, Ahmed Karmouch

January
1999

Multimedia Tools and Applications, Volume 8 Issue 1

Publisher: Kluwer Academic Publishers

Full text available:  [Publisher](#)
[Site](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 2

Mobile agents have emerged as a new paradigm for computing and are proving to be more flexible and dynamic than the average client in the client-server model. In the mobile agent model the program is sent to, and runs on, the remote machine, thereby ...

Keywords: communication protocol, electronic documents, mobile agent behavior, mobile agents, web surfing


9 A conceptual framework and a toolkit for supporting the rapid prototyping of context-aware applications

Anind K. Dey, Gregory D. Abowd, Daniel Salber

December
2001


Human-Computer Interaction, Volume 16 Issue 2




Publisher: L. Erlbaum Associates Inc.

Full text available:  Pdf (1.87
MB)

Bibliometrics: Downloads (6 Weeks): 64, Downloads (12 Months): 566, Downloads (Overall): 942, Citation Count: 149

Computing devices and applications are now used beyond the desktop, in diverse environments, and this trend toward ubiquitous computing is accelerating. One challenge that remains in this emerging research field is the ability to enhance the behavior ...


- 10 [The Internet and the Millennium Problem \(Year 2000\)](#)
[P. Nesser, II](#)
June 1999 The Internet and the Millennium Problem (Year 2000)
Publisher: RFC Editor
Full text available:  [Text](#) (547.56 KB)
Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 2, Downloads (Overall): 64, Citation Count: 0

The Year 2000 Working Group (WG) has conducted an investigation into the millennium problem as it regards Internet related protocols. This investigation only targeted the protocols as documented in the Request For Comments Series (RFCs). This investigation ...
- 11 [A scalable formal method for design and automatic checking of user interfaces](#)
 [Jean Berstel, Stefano Crespi Reghizzi, Gilles Roussel, Pierluigi San Pietro](#)
April 2005 **Transactions on Software Engineering and Methodology (TOSEM)** , Volume 14 Issue 2
Publisher: ACM  [Request Permissions](#)
Full text available:  [Pdf](#) (1.74 MB)
Bibliometrics: Downloads (6 Weeks): 25, Downloads (12 Months): 194, Downloads (Overall): 2359, Citation Count: 8

The article addresses the formal specification, design and implementation of the behavioral component of graphical user interfaces. The complex sequences of visual events and actions that constitute dialogs are specified by means of modular, communicating ...

Keywords: GUI design, Human-computer interaction (HCI), applications of model checking
- 12 [CoMem: Designing an interaction experience for reuse of rich contextual knowledge from a corporate memory](#)
[R. Fruchter, P. Demian](#)
June 2002 **Artificial Intelligence for Engineering Design, Analysis and Manufacturing** , Volume 16 Issue 3
Publisher: Cambridge University Press
Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 1

Managing and reusing knowledge in architecture, engineering, and construction firms can lead to greater competitive advantage, improved designs, and more effective management of constructed facilities. However, reuse often fails because knowledge is ...

Keywords: Context, Corporate Memory, Design, Human-Computer Interaction, Knowledge Management, Knowledge Reuse
- 13 [A Fine Grained Component Architecture for Speech Application Development](#)
[Andrew Hunt, Willie Walker](#)
June 2000 A Fine Grained Component Architecture for Speech Application Development
Publisher: Sun Microsystems, Inc.
Full text available:  [Pdf](#) (108.41 KB)
Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 1, Downloads (Overall): 40, Citation Count: 0


This paper introduces a new architecture for the design and development of speech user interfaces. In this design, the speech input and output capabilities are implemented using the smallest reasonable components and combining these components into sophisticated ...

14 [Graphical editing by example](#)
[David Joshua Kurlander](#) / [Steven Feiner](#)

January 1993

Graphical editing by example

Publisher: Columbia University

Full text available:  [Pdf](#) (1.46 MB)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 5, Downloads (Overall): 57, Citation Count: 7

Constructing illustrations by computer can be both tedious and difficult. This thesis introduces five example-based techniques to facilitate the process. These techniques are independently useful, but also interrelate in interesting ways: (1) Graphical ...

Keywords: computer illustration

15 [SIP: Session Initiation Protocol](#)

[J. Rosenberg](#), [H. Schulzrinne](#), [G. Camarillo](#), [A. Johnston](#), [J. Peterson](#), [R. Sparks](#), [M. Handley](#), [E. Schooler](#)

June 2002 SIP: Session Initiation Protocol

Publisher: RFC Editor

Full text available:  [Text](#) (647.98 KB)

Bibliometrics: Downloads (6 Weeks): 19, Downloads (12 Months): 19, Downloads (Overall): 361, Citation Count: 349

This document describes Session Initiation Protocol (SIP), an application-layer control (signaling) protocol for creating, modifying, and terminating sessions with one or more participants. These sessions include Internet telephone calls, multimedia ...

16 [Weaving a social fabric into existing software](#)



[Li-Ye Cheng](#), [John Patterson](#), [Steven L. Rohall](#), [Susanne Hupfer](#), [Steven Foss](#)

March 2005 **AOSD '05:** Proceedings of the 4th international conference on Aspect-oriented software development

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (513.36 KB)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 48, Downloads (Overall): 724, Citation Count: 4

Contextual collaboration is a promising approach to embedding new collaborative features into existing applications. However, incorporating such new features may be too difficult for applications without extensible frameworks or too complex for legacy, ...

Keywords: application retrofitting, aspect oriented programming, computer supported cooperative work, groupware, software reuse

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